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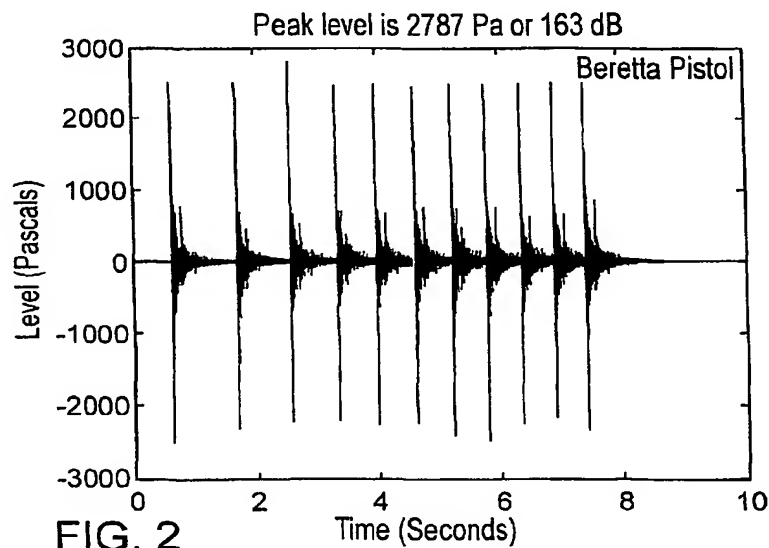
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(54) Title: SYSTEM FOR MONITORING EXPOSURE TO IMPULSE NOISE



(57) Abstract: In one embodiment, a system (12) for monitoring exposure to impulse noise includes a sound-sensing device (16), such as a microphone (16) or other type of pressure transducer, operable to sense impulse noise, and a storage module (38) operable to store the waveform of the impulse noise sensed by the sound-sensing device (16). The sound-sensing device (16) desirably is operable to sense impulses that are greater than 146 dB, such as impulses created by construction machinery and firearms. The system also can include a processor operable to calculate one or more noise parameters of the impulse noise from the waveform, and a user interface program (26, 30, 32) operable to display (28) said one or more noise parameters selected by a user.



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